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Army Shaping Scanners and Other Devices to

By DREW MIDDLETON Special to The New York Times

tor, which can be built into a to detect guns by various vehicle, can spot an area from smells; power residue, gun oil which a rifle has been fired. and gun solvent cleaners. It is possible that Lee Harvey Oswald would have been taken in the Texas Book Depository

The Army's program will be described at a conference on cessful ones thus far in experi-electronic crime countermeasity of Kentucky this month. The program is linked to the de-velopment of electronic sensors for the computerized battle-fields of the future. Stress Apple

rial assassin is a major security problem, especially in a crowd-ed public room. Scientists now have high hopes for a psycho-teria. These glow when they logical stress analyzer. Its use would require a

Special to The New York Times WASHINGTON, May 6—The protection of Presidents and other public figures from as-sassination is the focus of an Army program that envisages the use of bacteria and whip-measure stress levels to the be detected between stress aris-ing from personal worry and that resulting from a commit-the use of bacteria and whip-measure to violence.

Army program that envisages the use of bacteria and whip pets, advanced infrared scan-ners and psychological stress analyzers. The counter-mine and coun-ter-intrusion department of the Mobility Equipment Research and Development Center at Fort Belvoir, Va., is in charge of the program. Sources there believe that equipment now perfected or in advanced stages of develop-ment could have prevented the assassination of Senator Robert F, Kennedy and the shooting of Gov. George C, Wallace of Alabama. An infrared gun flash detec-tor, which can be built into a

Small Dogs Inconspicuous

Oswald would have been taken in the Texas Book Depository in Dallas soon after he fired the fatal shots at President a crowd without exciting sus-kennedy, had this detector been in use. The Army's program will be

elopment of electronic sensors program. The mell would weat the sensor of the computerized battle-elds of the future. Stress Analyzer The identification of a poten-ic description is a mellor country in the agent's receiver.

logical stress analyzer. Its use would require a given off by certain explosives. Secret Service agent to ask a The bacteria would be carried

suspect a few harmless ques-tions. The latter's replies would a wallet. The scientists also from outside the policed area

The infrared gun flash detector will not prevent the sniper from shooting. But it will raise the probability of his



out would show the operator the approximate spot from which the bullet was fired.

An infrared imaging system may increase protection of public men in a crowd. This device could be mounted on a convention hall platform or on From this vantage point, the imaging system would scan the crowd, picking up radia-tions of infrared energy from concealed weapons.